

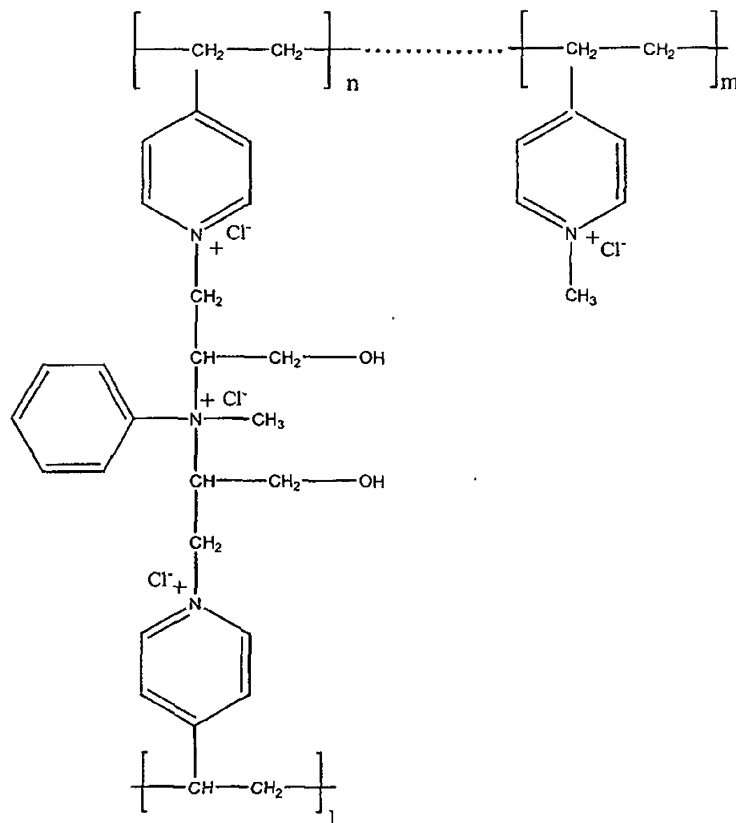
CLAIM AMENDMENTS

IN THE CLAIMS

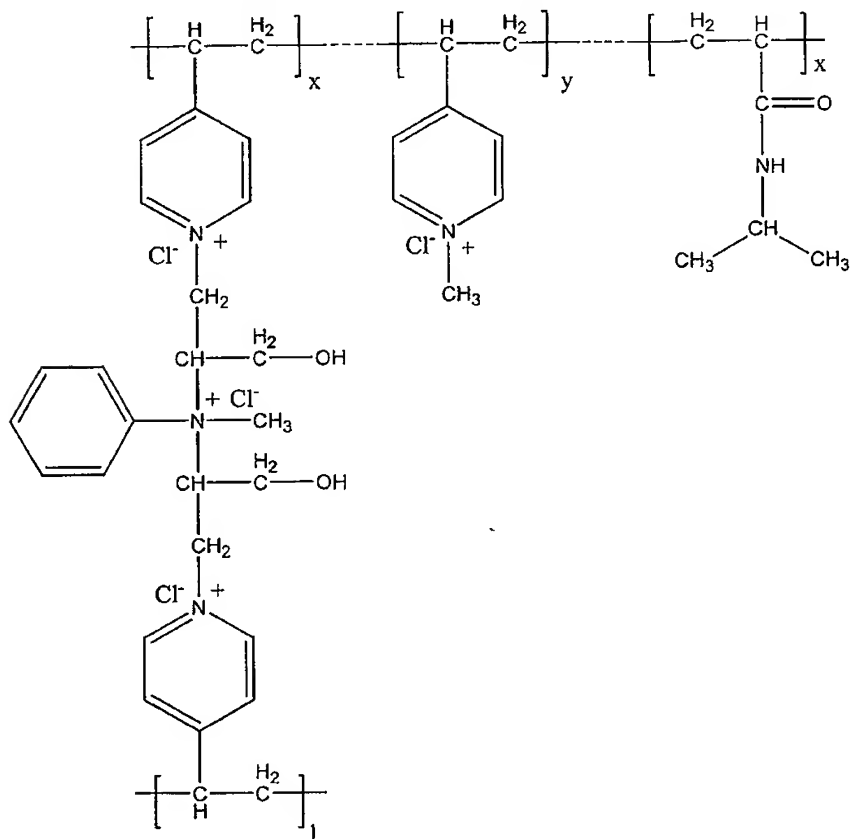
This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Original) A homogenous anion exchange membrane prepared using a method comprising:
 - i) providing of 4-vinyl pyridine;
 - ii) *in situ* polymerization the 4-vinyl pyridine on a woven support membrane;and
 - iii) crosslinking with epichlorohydrin and aniline.
2. (Original) The membrane of Claim 1 wherein the woven support membrane is a woven PVC membrane.

3. (Currently Amended) The membrane of Claim 1, wherein the membrane comprises a compound of the following formula:



4. (Currently Amended) The membrane of Claim 1, wherein the membrane comprises a compound of the following formula:



5-29. (Cancelled).

~~5~~ 30. (Currently Amended) A process for electrodialysis comprising:
providing a solution comprising ions to be removed[,];
passing the solution through a membrane stack [of alternating] comprising at least one
anion exchange [membranes] membrane [of claim 1 and cation exchange membranes of
claim 5] prepared using a method including:

i) providing of 4-vinyl pyridine;

ii) in situ polymerization the 4-vinyl pyridine on a woven support membrane;

and

iii) crosslinking with epichlorohydrin and aniline;

while applying a current orthogonal to the membrane surfaces[,]; and

withdrawing purified or concentrated solution from alternating compartments of the
membrane stack.

~~6~~ 31. (Original) The process of claim ~~30~~ ⁵ wherein the solution is an aqueous
industrial effluent.

~~7~~ 32. (Original) The process of claim ~~30~~ ⁵ wherein the solution is a naturally
occurring aqueous solution.

~~8~~ 33. (Original) The process of claim ~~32~~ ⁷, wherein the solution is brackish water or
seawater.

~~9~~ 34. (Original) The process of claim ~~32~~ ⁷, wherein the brackish water or seawater is
not treated to remove excess ions prior to electrodialysis.